

**R66 SERVICE LETTER SL-47**

**DATE:** 18 April 2024

**TO:** R66 Owners, Operators, and Maintenance Personnel

**SUBJECT:** Battery Preventive Maintenance

**BACKGROUND:** Extended inactivity can deplete the helicopter's battery, possibly requiring battery replacement. If helicopter will not be operated for two or more weeks, RHC recommends connecting a battery charger. Alternately, disconnect negative (ground) cable from battery negative terminal in accordance with R66 Maintenance Manual § 96-10.

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**COMPLIANCE PROCEDURE:**

NOTE: Battery charger must be 24V (for 28-volt systems), and compatible with battery's chemistry (lead-acid, or lithium-ion).

Ensure battery switch is OFF. If helicopter will not be operated for two or more weeks, connect a Victron Energy IP65 Blue Smart Charger (or equivalent) to helicopter battery per applicable Pilot's Operating Handbook, Section 8, Battery. Adjust charger mode to "Li-ion" if helicopter has lithium-ion battery; adjust charger mode to "Normal" if helicopter has lead-acid battery.

Conspicuously placard instrument panel with "Battery charger connected. Remove charger before starting engine."